Umwelt und Gesundheit
Seminarthemen Sommersemester 2025

Julian Wichert, Institute of Health Economics

Umwelt- und Gesundheitspolitik

1. **Kohleöfen und Gesundheit im Globalen Süden**
   - Berkouwer, S. and Dean**,** J. T. (2025) Cooking, health, and daily exposure to pollution spikes. *Working Paper*.

2. **Unterschiede in der Umweltbelastung in Deutschland**
   - Rüttenauer, T. (2019). Bringing urban space back in: A multilevel analysis of environmental inequality in Germany. *Urban Studies*, Vol 56(12) 2549-2567.

3. **Umweltbelastung im Zeitverlauf**
   - Colmer, Jonathan, Suvy Qin, John Voorheis, and Reed Walker. (2024). The Changing Nature of Pollution, Income, and Environmental Inequality in the United States. *AEA Papers and Proceedings*, 114: 41–46.

4. **Luftqualität und Haushaltsmobilität**
   - *Banzhaf, H. Spencer, and Randall P. Walsh.* 2008. Do People Vote with Their Feet? An Empirical Test of Tiebout. American Economic Review*,* 98 (3): 843–63.
   - Chen, S., Oliva, P., Zhang, P. (2022) The effect of air pollution on migration: Evidence from China, Journal of Development Economics, Volume 156.

5. **Temperaturschocks im Globalen Süden**
   - Flückiger, M., Ludwig, M. (2022) Temperature and risk of diarrhoea among children in Sub-Saharan Africa, *World Development*, Volume 160.

6. **Luftverschmutzung und Unternehmensstandortwahl im Globalen Süden**
   - Bassi V., Kahn, M., Lozano Gracia, N., Porzio, T., Sorin, J. (2024) Jobs in the Smog: Firm Location and Workers' Exposure to Pollution in African Cities. *Working Paper.*

7. **Luftverschmutzung, Wind und Gesundheit**

- Tanaka, T. (2024) Blowin' in the wind: Long-term downwind exposure to air pollution from power plants and adult mortality. *Journal of Environmental Economics and Management*, Vol. 128.
- Anderson, M. (2020) As the Wind Blows: The Effects of Long-Term Exposure to Air Pollution on Mortality, *Journal of the European Economic Association*, Volume 18, Issue 4, August 2020, 1886–1927.
- Heblich, S., Trew, A., Zylberberg, Y. (2021) East-Side Story: Historical Pollution and Persistent Neighborhood Sorting, *Journal of Political Economy*, 129:5, 1508-1552.

8. Der Effekt von steigenden Temperaturen auf die kognitive Leistungsfähigkeit

- Zhang, X., Chen, X., & Zhang, X. (2024). Temperature and low-stakes cognitive performance. *Journal of the Association of Environmental and Resource Economists, 11*(1), 75-96.

9. Der Zusammenhang zwischen Wetterschocks und häuslicher Gewalt

- Díaz, J. J., & Saldarriaga, V. (2023). A drop of love? Rainfall shocks and spousal abuse: evidence from rural Peru. *Journal of Health Economics, 89*, 102739.
- Sekhri, S., Storeygard, A. (2014) Dowry deaths: Response to weather variability in India. *Journal of Development Economics*, Volume 111, Pages 212-223.

10. Luftverschmutzung und Gesundheit

- Gillingham, K., Huang, P. (2024). Racial Disparities in the Health Effects from Air Pollution. *Journal of Human Resources* Nov 2024. Online first.
- Graff Zivin, J., Neidell, M., Sanders, N. J., & Singer, G. (2023). When externalities collide: Influenza and pollution. *American Economic Journal: Applied Economics, 15*(2), 320-351.

11. Extremwetter, Aggressivität und Erfolg im Leistungssport

- Larrick, R., Timmerman, T., Carton, A., Abrevaya, J. (2011) Temper, Temperature, and Temptation: Heat-Related Retaliation in Baseball. *Psychological Science*, April 2011, Vol. 22 (4), pp. 423-428
- Craig, C., Overbeek, R., Condon, M., Rinaldo, S. (2016) A relationship between temperature and aggression in NFL football penalties. *Journal of Sport and Health Science*, Volume 5, Issue 2, Pages 205-210.
- Marshall, B., Tanutama, V., Heft-Neal, S., Hino, M., Lobell, D. (2023) Game, Sweat, Match: Temperature and Elite Worker Productivity. *NBER Working Paper*.

12. Effekte von Extremwetterereignissen auf Krieg und Konflikte

- Harari, M., La Ferrara, E. (2018) Conflict, Climate and Cells: A disaggregated analysis. The Review of Economic and Statistics 100(4):594–608.

- Schaudt, P., Gehring, K. (2024) Insuring peace: Index-based livestock insurance, droughts, and conflict. Working Paper.

13. Hitze und Todesfälle

- Barreca, A., Clay, K., Deschenes, O., Greenstone, M., Shapiro, J. (2016) Adapting to climate change: The remarkable decline in the US temperature-mortality relationship over the Twentieth Century. *Journal of Political Economy* 124(1):105–59.
- Marshall, B., González, F., Baylis, P., Heft-Neal, S., Baysan, C., Basu, S., Hsiang, S. (2018) Higher temperatures increase suicide rates in the United States and Mexico. *Nature Climate Change* 8(8):723–29.

14. Auswirkungen von Luftverschmutzung auf die Gesundheit von Säuglingen

- Tanaka, S. (2015). Environmental regulations on air pollution in China and their impact on infant mortality. *Journal of Health Economics, 42*, 90-103.
- Balietti, A., Datta, S., & Veljanoska, S. (2022). Air pollution and child development in India. *Journal of Environmental Economics and Management, 113*, 102624.

15. Trinkwasserqualität, Skandale und deren ökonomische Auswirkungen

- Marcus, M., Mueller, Rosie (2024). Unregulated contaminants in drinking water: Evidence from PFAS and housing prices, Journal of Environmental Economics and Management, Volume 125.
- Christensen, P., Keiser D., Lade G. (2023). Economic effects of environmental crises: Evidence from Flint, Michigan. Am. Econ. J.: Econ. Policy, 15 (1) (2023), pp. 196-232

16. Die Auswirkungen der Wasserverschmutzung auf die Gesundheit von Säuglingen

- Fan, M., & He, G. (2023). Clean Water and Infant Health: Evidence from Piped Water Provision in China. *Journal of the Association of Environmental and Resource Economists, 10*(1), 159-193.
- Do, Q. T., Joshi, S., & Stolper, S. (2018). Can environmental policy reduce infant mortality? Evidence from the Ganga Pollution Cases. *Journal of Development Economics, 133*, 306-325.
- Li, L., & Xiao, Y. (2023). Beyond boiling: The effect of in utero exposure to treated tap water on childhood health. *Journal of Environmental Economics and Management, 119*, 102814.

17. Die Auswirkungen von hohen Temperaturen während der Schwangerschaft auf die Gesundheit von Säuglingen

- Banerjee, R., & Maharaj, R. (2020). Heat, infant mortality, and adaptation: Evidence from India. *Journal of Development Economics, 143*, 102378.
- Sarmiento, J. H. (2023). Into the tropics: Temperature, mortality, and access to health care in Colombia. *Journal of Environmental Economics and Management, 119*, 102796.

18. Welche (präventiven) Intervention helfen, um die Gesundheit von Kleinkindern vor/während Naturkatastrophen zu schützen?

- Gunnsteinsson, S., Molina, T., Adhvaryu, A., Christian, P., Labrique, A., Sugimoto, J., ... & West Jr, K. P. (2022). Protecting infants from natural disasters: The case of vitamin A supplementation and a tornado in Bangladesh. *Journal of Development Economics, 158*, 102914.

19. Die gesundheitlichen Folgen von Pestiziden

- Lai, W. (2017). Pesticide use and health outcomes: Evidence from agricultural water pollution in China. *Journal of Environmental Economics and Management, 86*, 93-120.
- Calzada, J., Gisbert, M., & Moscoso, B. (2023). The hidden cost of bananas: The effects of pesticides on newborns' health. *Journal of the Association of Environmental and Resource Economists, 10*(6), 1623-1663.

20. Klimawandel, Ernteausfälle und deren gesundheitlichen Folgen

- Conte, B., Piemontese, L., & Tapsoba, A. (2023). The power of markets: Impact of desert locust invasions on child health. *Journal of Health Economics, 87*, 102712.

Weitere Informationen zum Ablauf des Seminars und zu anstehenden Terminen finden Sie auf unserer Website unter: https://www.ihe.uni-hannover.de/de/lehre/seminare/bachelor/seminar-umwelt-und-gesundheit-experimentelle-und-empirische-evidenz-273028

Vorläufiger Ablauf

Voranmeldung (Stud.IP):	30.03.-04.04.2025 auf StudIP
Themenvergabe:	im Kickoff / Präferenzen bis 30.04.2025 einreichen
Kick-Off:	Mo, 05.05.2025 9:15-10:45
Einzelgespräche zur Themenbesprechung:	Do/Fr, 08./09.05.2025, 20 min pro Person.
Verbindliche Anmeldung:	bis spätestens Mo, 12.05.2025
Gruppendiskussion:	Do, 22.05.2025 9:15-10:45
Präsentationen:	Do/Fr, 19. und 20.06.2025 jeweils 9:00-14:00
Abgabetermin:	06.07.2025 bis 23:59 (Dienstag)